

17:46:09

OCA PAD INITIATION - PROJECT HEADER INFORMATION

10/22/92

Project #: G-31-603 Cost share #: Rev #: 0 Active
Center # : 10/24-6-R7541-0A0 Center shr #: OCA file #4
Contract#: ESI-9255344 Mod #: Work type : RES
Prime # : Document : GRANT
Contract entity: GTRC
Subprojects ? : N CFDA: 47.066
Main project #: PE #: N/A

Project unit: DEAN COS Unit code: 02.010.132
Project director(s):
THORSEN C C DEAN COS (404)894-3314

Sponsor/division names: NATL SCIENCE FOUNDATION / GENERAL
Sponsor/division codes: 107 / 000

Award period: 920901 to 940228 (performance) 940531 (reports)

Sponsor amount	New this change	Total to date
Contract value	133,750.00	133,750.00
Funded	133,750.00	133,750.00
Cost sharing amount		0.00

Does subcontracting plan apply ? : N

Title: RESEARCH FELLOWSHIPS FOR MATHEMATICS AND SCIENCE TEACHERS

PROJECT ADMINISTRATION DATA

OCA contact: Duane Hutchison 894-4820

Sponsor technical contact Sponsor issuing office

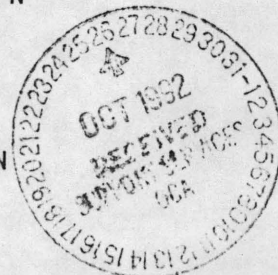
JOSEPH STEWART ANDREA R. KLINE
(202)357-7073 (202)357-9626

NATIONAL SCIENCE FOUNDATION NATIONAL SCIENCE FOUNDATION
1800 G STREET, NW 1800 G STREET, NW
WASHINGTON, DC 20550 WASHINGTON, DC 20550

Security class (U,C,S,TS) : U ONR resident rep. is ACO (Y/N): N
Defense priority rating : N/A NSF supplemental sheet
Equipment title vests with: Sponsor GIT X

Administrative comments -

PREAWARD COSTS ARE ALLOWED PER NSF GUIDELINES EFFECTIVE NO EARLIER THAN 6/1/92.



519523

GEORGIA INSTITUTE OF TECHNOLOGY
OFFICE OF CONTRACT ADMINISTRATION

NOTICE OF PROJECT CLOSEOUT

Closeout Notice Date 04/20/94

Project No. G-31-603_____

Center No. 10/24-6-R7541-0A0_

Project Director THORSEN C C_____

School/Lab DEAN COS_____

Sponsor NATL SCIENCE FOUNDATION/GENERAL_____

Contract/Grant No. ESI-9255344_____ Contract Entity GTRC

Prime Contract No. _____

Title RESEARCH FELLOWSHIPS FOR MATHEMATICS AND SCIENCE TEACHERS_____

Effective Completion Date 940228 (Performance) 940531 (Reports)

Closeout Actions Required:

Y/N Date
Submitted

Final Invoice or Copy of Final Invoice	N	_____
Final Report of Inventions and/or Subcontracts	N	_____
Government Property Inventory & Related Certificate	N	_____
Classified Material Certificate	N	_____
Release and Assignment	N	_____
Other _____	N	_____

CommentsLETTER OF CREDIT APPLIES. 98A SATISFIES PATENT REQUIREMENT. _____

Subproject Under Main Project No. _____

Continues Project No. _____

Distribution Required:

Project Director	Y
Administrative Network Representative	Y
GTRI Accounting/Grants and Contracts	Y
Procurement/Supply Services	Y
Research Property Management	Y
Research Security Services	N
Reports Coordinator (OCA)	Y
GTRC	Y
Project File	Y
Other _____	N
_____	N

NATIONAL SCIENCE FOUNDATION
1800 G STREET, NW
WASHINGTON, DC 20550

G-31-603

BULK RATE
POSTAGE & FEES PAID
National Science Foundation
Permit No. G-69

PI/PD Name and Address

Carolyn C. Thorsen
College of Sciences
GA Tech Res Corp - GIT
Atlanta GA 30332-0365

NATIONAL SCIENCE FOUNDATION FINAL PROJECT REPORT

PART I - PROJECT IDENTIFICATION INFORMATION

1. Program Official/Org.	Joseph Stewart - ESI	
2. Program Name	TEACHER UNIT	
3. Award Dates (MM/YY)	From: 09/92	To: 02/94
4. Institution and Address	GA Tech Res Corp - GIT Administration Building Atlanta GA 30332	
5. Award Number	9255344	
6. Project Title	Research Fellowships for Mathematics and Science Teachers	

This Packet Contains
NSF Form 98A
And 1 Return Envelope

NSF Grant Conditions (Article 17, GC-1, and Article 9, FDP-11) require submission of a Final Project Report (NSF Form 98A) to the NSF program officer no later than 90 days after the expiration of the award. Final Project Reports for expired awards must be received before new awards can be made (NSF Grants Policy Manual Section 677).

Below, or on a separate page attached to this form, provide a summary of the completed projects and technical information. Be sure to include your name and award number on each separate page. See below for more instructions.

PART II - SUMMARY OF COMPLETED PROJECT (for public use)

The summary (about 200 words) must be self-contained and intelligible to a scientifically literate reader. Without restating the project title, it should begin with a topic sentence stating the project's major thesis. The summary should include, if pertinent to the project being described, the following items:

- The primary objectives and scope of the project
- The techniques or approaches used only to the degree necessary for comprehension
- The findings and implications stated as concisely and informatively as possible

Please see attached sparate sheet.

PART III - TECHNICAL INFORMATION (for program management use)

List references to publications resulting from this award and briefly describe primary data, samples, physical collections, inventions, software, etc. created or gathered in the course of the research and, if appropriate, how they are being made available to the research community. Provide the NSF Invention Disclosure number for any invention.

Please see attached sparate sheet.

I certify to the best of my knowledge (1) the statements herein (excluding scientific hypotheses and scientific opinion) are true and complete, and (2) the text and graphics in this report as well as any accompanying publications or other documents, unless otherwise indicated, are the original work of the signatories or of individuals working under their supervision. I understand that willfully making a false statement or concealing a material fact in this report or any other communication submitted to NSF is a criminal offense (U.S. Code, Title 18, Section 1001).

	4-5-94
Principal Investigator/Project Director Signature	Date

IMPORTANT: MAILING INSTRUCTIONS

Return this *entire* packet plus all attachments in the envelope attached to the back of this form. Please copy the information from Part I, Block I to the *Attention block* on the envelope.

National Science Foundation Final Project Report
Grant No. ESI-9255344

Part II

The objectives of this project are to improve middle school and high school mathematics and science instruction by providing those teachers with an intensive, directed research experience in mathematics, science or engineering. Eighteen teachers were assigned to various NSF-funded Georgia Tech research projects for an eight week summer period. The teachers were required to develop "action plans" describing how they would incorporate one or more aspects of their summer experience into their classroom teaching. Staff development credit was awarded for these plans. The teachers attended meetings during the summer to discuss the action plans they were developing and get suggestions from their peers on how to improve them. The following academic year there were meetings for sharing the successful aspects of their action plans with each other and to expand their usage within this network of teachers. The evaluation of this project is on-going but initial results indicate that the objectives are being achieved. We are currently attempting to interest other federal agencies to emulate this program so that more mathematics and science teachers can work with research faculty mentors.

Part III

There are no publications, research data or inventions. This program has been presented informally to other federal agencies in hopes of having them follow NSF's lead. It has also been presented at forums like Rotary Club meetings to interest business and industry leaders in participating in this program by providing positions for teachers and funding.

PART IV -- FINAL PROJECT REPORT -- SUMMARY DATA ON PROJECT PERSONNEL

(To be submitted to cognizant Program Officer upon completion of project)

The data requested below are important for the development of a statistical profile on the personnel supported by Federal grants. The information on this part is solicited in response to Public Law 99-383 and 42 USC 1885C. All information provided will be treated as confidential and will be safeguarded in accordance with the provisions of the Privacy Act of 1974. You should submit a single copy of this part with each final project report. However, submission of the requested information is not mandatory and is not a precondition of future award(s). Check the "Decline to Provide Information" box below if you do not wish to provide the information.

Please enter the numbers of individuals supported under this grant.
Do not enter information for individuals working less than 40 hours in any calendar year.

	Senior Staff		Post-Doctorals		Graduate Students		Under-Graduates		Other Participants ¹	
	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.
A. Total, U.S. Citizens	1	3								
B. Total, Permanent Residents										
U.S. Citizens or Permanent Residents ² :										
American Indian or Alaskan Native										
Asian.										
Black, Not of Hispanic Origin.										8
Hispanic										
Pacific Islander										
White, Not of Hispanic Origin	1	3							4	6
C. Total, Other Non-U.S. Citizens										
Specify Country										
1.										
2.										
3.										
D. Total, All participants (A + B + C)	1	3							4	14
Disabled³										

☐ Decline to Provide Information: Check box if you do not wish to provide this information (you are still required to return this page along with Parts I-III).

¹ Category includes, for example, college and precollege teachers, conference and workshop participants.

² Use the category that best describes the ethnic/racial status for all U.S. Citizens and Non-citizens with Permanent Residency. (If more than one category applies, use the one category that most closely reflects the person's recognition in the community.)

³ A person having a physical or mental impairment that substantially limits one or more major life activities; who has a record of such impairment; or who is regarded as having such impairment. (Disabled individuals also should be counted under the appropriate ethnic/racial group unless they are classified as "Other Non-U.S. Citizens.")

AMERICAN INDIAN OR ALASKAN NATIVE: A person having origins in any of the original peoples of North America and who maintains cultural identification through tribal affiliation or community recognition.

ASIAN: A person having origins in any of the original peoples of East Asia, Southeast Asia or the Indian subcontinent. This area includes, for example, China, India, Indonesia, Japan, Korea and Vietnam.

BLACK, NOT OF HISPANIC ORIGIN: A person having origins in any of the black racial groups of Africa.

HISPANIC: A person of Mexican, Puerto Rican, Cuban, Central or South American or other Spanish culture or origin, regardless of race.

PACIFIC ISLANDER: A person having origins in any of the original peoples of Hawaii; the U.S. Pacific territories of Guam, American Samoa, and the Northern Marianas; the U.S. Trust Territory of Palau; the islands of Micronesia and Melanesia; or the Philippines.

WHITE, NOT OF HISPANIC ORIGIN: A person having origins in any of the original peoples of Europe, North Africa, or the Middle East.